Substitute PTO/SB/08A (07-05)

Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Red sons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute 10 1991 1449A/P

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Complete if Known					
Application Number	10/611,363				
Filing Date	July 1, 2003				
First Named Inventor	DESJARLAIS, John R.				
Art Unit	1647				
Examiner Name	TBA R.M. PRRIV				
Attorney Docket Number	Docket A-71486-2 (453077-240)				

`					
Examine Initiate		Oocument Number Number-Kind Code <sup>2</sup> (if knawn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	X A1 tt	US-2002@61525 A1	05-23-2002	Rodrigu et al. Yelin -	etai
THE .	) A2 †	US-6242213 B1	06-05-2001	Anderson .	

ECREICH PATENT DOCUMENTS

				F	OREIGN PATENT	DOCUMENTS		
γ JU	miner	Cit	No.1	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
5		B1	†††	WO 00/15807 A *	03-23-2000	M & E Biotech		
		82	tt	WO 00/67034 A	11-09-2000	Immunex Corporation .		
	<u>.</u>	83	<b>†††</b>	WO 01/25277 A	04-12-2001	Maxygen APS		
	i	84	†††	WO 01/42298 A	04-21-2001	Kombluth		
		<b>B</b> 5	†††	WO 01/64889 A	09-07-2001	Xencor		
	1	86	tt	WO 02/18445 A	03-07-2002	Biogen, Inc.		
		87	tt	WO 02/36141 A	05-10-2002	Immunex Corporation	•	
	]	88	††	WO 03/006154 A	01-23-2003	Xencor, Inc.		
	7	В9	††	WO 03/029420 A	04-10-2003	Genentech, inc.	nY n	
	$I^-$	B10	tt	WO 03/059281 A	07-24-2003	Xencor		
/		B11	tt	WO 2004/081043 A	09-23-2004	Xencor		
		B12	††	WO 2004/089982 A	10-21-2001	Xencor		
n	$\wedge$	B13	††	WO 2005/035570 A	04-21-2005	Xencor, Inc.		
ŊĆ	$\cup$	B14	††	WO 99/12965 A	03-18-1999	Biogen, Inc.		$\vdash$

					NON PATENT LITERATURE DOCUMENTS		
Examiner thitials			Cite No.'		Include name of the author (in CAPITAL LETTERS), tide of the article (when appropriate), tide of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
$\bigcup$	R	7	C1 ††	†	Lacey D. L. et al. "Osteoprotegerin ligand is a cytokine that regulates osteoclast differentiation and activation" "Cell Cell Press, Cambridge, NA, US, vol. 93, April 17, 1998, pps. 165-176 *		
Ĺ			C2 ††	†	Steed, P.M. et al. "Inactivation of TNF signaling by rationally designed dominant-negative TNF variants" Science (American Assoc for the Advancement of Science) vol. 301, no. 5641, (2003) pps. 1895-1898		
	V,	$\int_{\mathbb{T}}$	C3 ††	†	Yasuda H. Et. Al. "Osteoclast Differentiation factor is a ligand for osteoprotegerin/osteoclastogeneis –Inhibitory factor and is identical to TRANCE/RANKYL" <i>Proc. Of Natl. Acad of Sci.</i> , (1998) vol. 95, pps. 3597-3602 *		

4818-1235-2513\16/26/2006/10:32 AM	$\alpha$ . $\Omega$ . $\alpha$		1 1	
Examiner Signature	WILL I	Date Considered	5100	

\*EXAMINER: Initial if reference considered, whether or not citationly in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English Language Translation is attached.

Translation is attached.
This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the Information Officer, U.S. Patent and trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.